SECTION 4. PROGRAMMING

The controls have four programming levels, a first level mode, a second level mode, a third level mode, and a special program mode. In each level, pressing the set switch advances through the programmable items. Program mode can be entered at anytime except during an alarm. The left display describes the item being programmed. The right display shows the item setting and can be changed by pressing the right Up and Down Switches.

4-1. FIRST LEVEL PROGRAM MODE

The Low Level Program Mode allows the operator to program the "global" set point temperature (if enabled), cook and hold time, and set up to four alarms for the selected product.

1. Press and hold Set and Temperature Switch for at least five seconds. A tone will sound, and the left display shows "°F" and the right display shows the set point temperature. The temperature LED and all product indicator LED's flash.

2. Press the right Up and Down Switches to program desired set point temperature for all products.

3. Press the set switch and left display shows "Slct" and the right display shows "Prod". The product LED also flashes.

4. Press either the left or right Up and Down Switches to select a product to program, and the LED will be lit next, to the desired product.

5. Press the set switch and the time LED flashes. The left displays shows "Fry" and the right display shows the cook time. Pressing the right Up and Down Switches adjusts the cook time.

6. Press the set switch and the time LED continues to flash. The left display shows "Hold," the right display shows the hold time and can be adjusted with the right Up and Down Switches.

4-1. LOW LEVEL PROGRAM MODE (Continued)

7. Press the set switch and the alarm LED flashes. The left display shows "AL 1", the right display shows the alarm time and can be adjusted with the right Up and Down Switches.

8. Repeat step 8 for alarms 2, 3, and 4.

9. Press and hold the Set Switch to exit program mode, or continue to second level mode.

4-2. SECOND LEVEL PROGRAM MODE

The Second Level Program Mode allows the operator to program load compensation, load anticipation, proportional control, filter cycle for the selected product, and the idle parameters.

1. While in the first level mode, push and hold the Set and Exit Melt Switches for five seconds. The beeper will sound the left display will show "Slct" (Select) and the right display will show "Prod" (Product). The Product LED also flashes.

2. Press either the right or left Up and Down Switches to select a product to program.

3. Press Set Switch and the Other LED flashes. The left display shows "LdCo," and the right display shows load compensation setting, and can be adjusted with the right Up and Down Switches.

4. Press the Set Switch and the Other LED continues to flash. The left display shows "PC," the right display shows the proportional control setting, and can be adjusted with the right Up and Down Switches.

5. Press the Set Switch and the Other LED continues to flash. The left display shows "LdAn," and the right display shows load anticipation setting, and can be adjusted with the right Up and Down Switches.

6. Press the Set Switch and the Other LED continues to flash. The left display shows "Filtr," and the right display shows filter cycles setting, and can be adjusted with the right Up and Down Switches.

7. Press the Set Switch and the Product LED flashes. Press either right or left Up and Down Switches to select another product to program. Press and hold the Set Switch to exit the program mode, or continue on to the third level program mode.

4-2. SECOND LEVEL PROGRAM MODE (Continued)

8. Also, with the Product LED flashing, pressing the right Up and Down Switches will access the Idle Mode parameters. The idle LED will be flashing, the left display will continue to show "Slct" and the right display shows "Prod." Pressing the Set Switch allows the operator to program the idle parameters (See Section 4-3).

4-3. IDLE PROGRAMMING

The Idle Mode must be enabled for the operator to access this mode.

1. While in the Second Program Mode, and the Product LED is flashing, press the right Up and Down Switches to select the idle mode items. The Idle LED will be flashing.

2. Press the Set Switch and the Time LED flashes, the left display shows "idle," and the right display shows "ON or OFF". Pressing the right Up and Down Switches to turn idle on or off.

3. Press the Set Switch and the Time LED flashes. The left display shows "Auto" and the right display shows automatic idle time. Adjust the automatic idle time with the right Up and Down Switches, and to disable the auto idle feature set time to "OFF."

4. Press the Set Switch and the Temperature LED flashes. The left display shows "F" or "C", and the right display shows the idle temperature setpoint, which can be adjusted with the right Up and Down Switches.

5. Press Set Switch and the Product LED flashes. Press and hold the Set Switch to exit the program mode or continue to the third level program mode.

4-4. THIRD LEVEL PROGRAM MODE

The Third Level Program Mode allows the operator to enable, or disable "global" setpoints, program Fahrenheit or Celcius, probe calibration, alarm duration, and hold duration.

1. While in the 2nd level program mode, press and hold Exit Melt and Temp switches until the buzzer sounds, and the left display flashes "glob" and °F", and the right display shows "ON" or "OFF." Pressing the right Up and Down Switches enables, or disables the global setpoint programming.

2. Press the Set Switch and the left displays shows "deg" and the right display shows "°F" or "°C." Pressing the right Up and Down Switches allows the operator to select Fahrenheit, or Celcius.

4-4. THIRD LEVEL PROGRAM MODE (Continued)

3. Press the Set Switch and the left display flashes "Prob" and "Calib." The right display shows the actual pot temperature, and the right Up and Down Switches are used for calibration.

4. Press the Set Switch and the left display flashes "AL" and "dur." The right display shows the duration of this alarm at the end of a cook cycle, and can be adjusted with the right Up and Down Switches.

5. Press the Set Switch and the left display flashes "Hold" and "dur." The left display shows the duration of the hold alarm at the end of the hold cycle, and can be adjusted with the right Up & Down Switches.

6. Press and hold the Set Switch to exit the program mode.

4-5. SPECIAL PROGRAM MODE

The Special Program Mode allows the operator to initialize the program, or to perform an input/output test.

1. Turn Power Switch off, then press and hold the right Up and Down Switches while turning power switch back on. The left display shows "init" and the right displays shows "sgs." Press and hold the right Up or Down Switch for five seconds to initialize all settings. Special Program Mode is automatically exited if initialize is done.

2. While in the Special Program Mode, press the Set Switch and the left display shows "10" and the right display shows "test," then they go blank. By pressing all switches, enables all LED's and displays. Pressing temp. switch turns on heat. Press and hold Set Switch exits Special Program Mode.